

3.3.2 Number of research papers per teachers in he Journals notified on UGC website during the year (10

Number of Research papers per teacher in the journals notified on the UGC websiteduring the year.

S.No.	Name of Teacher	Title	Publication	Date	Page No.
1	Santosh Shahu	A Comparative study of contribution of pulses and oilseed crops in the economic development of Nagpur division (2014 to 2019)	B.Aadhar Multidisciplinary International Research Journal)	Aug 2023	03
2	Nisha Vyas	A study on Implementation of Insolvency and Bankruptcy Code(Ibc) 2016 and its benefits to Stakeholder	B.Aadhar Multidisciplinary International Research Journal I	Sep-2023	04
3	Suhasini Chaurasia	Health Shield: A Guardian Chain Fortifying Healthcare Records with Advanced Security And Decentralized Integrity	Patent Office Journal No. 52/2023	Dec-23	05
4	Suhasini Chaurasia	Real Time Detection of DDoS Attack on Raspberry PI Using Hybrid Algorithm	Patent Office Journal No. 51/2023	Dec-23	06
5	Deepali Bhende	Enhancing Classification Performance through Feature Boost Thyro: A Comparative Study of Machine Learning Algorithms and Feature Selection”,	Scopus	Jan 2023	07
6	Vrushali Parkhi	Becoming a Professional in the 21st Century	Copyright Registration No. L-142205/2024	Jan-24	08
7	ChaitanyaVishnu Pipalwa	A study on Brand Preference and Consumer behavior with reference to packages fast food products in Nagpur metropolitan region	UGC Care Enlisted, Peer reviewed Journal	Jan-July 2024	09
8	Diwakar Tripathi	Bizcaart- A Multipurpose E-Tricycle	Patent Grant: Patent No. 518602	Mar-24	10

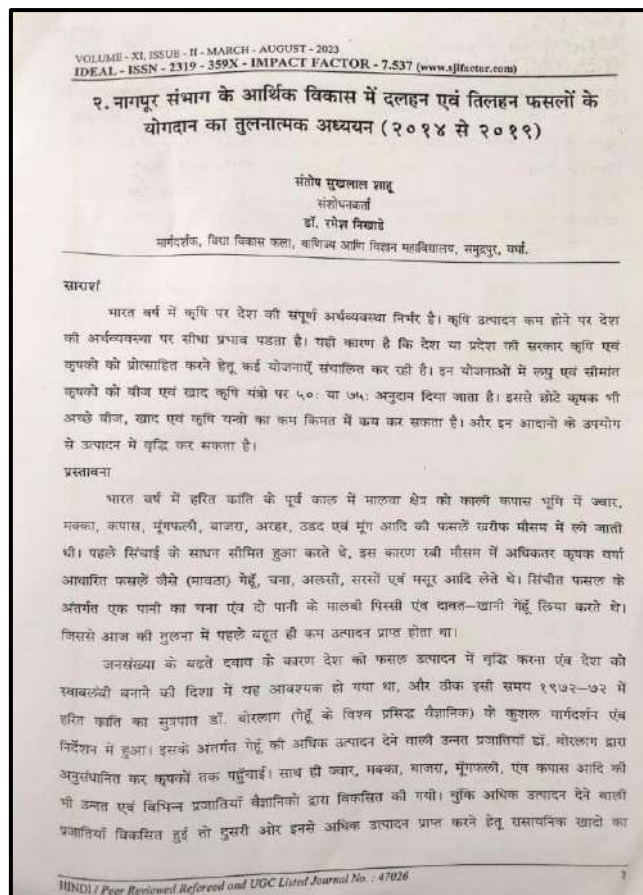
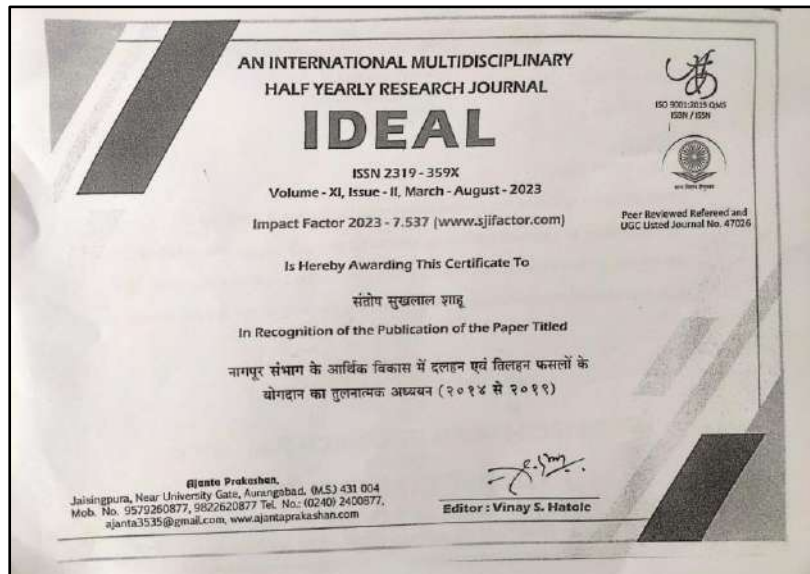
9	Smita Shyam Sundar Madan	A Study of online marketing patterns: A Literature Review	UGC Care Listed Journal	Jun 2024	11
10	Suhashini Chourasia	A Survey on Online examination system During Covid-19 pandemic	Urban India, UGC Care Listed Journal	Jun 2024	12
11	Suhashini Chourasia	Efficient resource Utilization: Innovation Cloud to Edgebalancing Strategies	Urban India, UGC Care Listed Journal	Jun 2024	13
12	Diwakar Tripathi and Vrushali Parkhi	The authorities of the Universities May Make Regulations, Consistent with the act. The Statues and the Ordinances for the Conduct of their own business	Copyright Registration No. L- 1429246/2024	Jun-24	14


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Name of Author: Santosh Shahu

Paper title: "A Comparative study of contribution of pulses and oilseed crops in the economic development of Nagpur division (2014 to 2019)"

ISSN 2319-359X, UGC Care enlisted Journal No. 47026, Peer reviewed Journal, Impact Factor (2023)- 7537 Vol-XI, Issue-II, Mar-Aug 2023



Name of Author: Nisha Vyas

Paper title: “A study on Implementation of Insolvency and Bankruptcy Code(Ibc) 2016 and its benefits to Stakeholder ”

ISSN 2278-9308, UGC Care enlisted, Peer reviewed Journal, Impact Factor (SJIF)- 8632
Issue No. (CDXXVI) 426, Sept 2023



B.Aadhar International Peer-Reviewed Indexed Research Journal	ISSN : 2278-9308 September, 2023
Impact Factor -(SJIF) -8.632, Issue NO, (CDXXVI) 426	
A Study on Implementation of Insolvency and Bankruptcy Code (Ibc), 2016 and its Benefits to Stakeholders Mrs. Nisha Vyas Assistant Professor SudhaSureshchandraMankar College of Computer and Management	
Abstract Non-Performing Assets (NPAs) or Non-Performing Loans pose a significant challenge for banks in the current scenario, exerting a detrimental impact on the Indian economy's growth trajectory. This issue has reached critical proportions, adversely affecting both financial institutions and the nation's economic health, ultimately leading to insolvency. Insolvency represents a circumstance that triggers the initiation of the legal bankruptcy process. The introduction of the Insolvency and Bankruptcy Code (IBC) in 2016 emerged as a beacon of hope, offering a promising outlook for the Indian economy characterized by a robust corporate lending and investment culture. The primary objective of this code is to reinforce the rights of creditors by providing them with the necessary tools to take prompt action against defaulting borrowers. This paper seeks to shed light on the Insolvency and Bankruptcy Code (IBC) of 2016, its implementation, and the advantages it brings to various stakeholders such as banks, financial institutions, secured and unsecured creditors, Asset Reconstruction Companies (ARCs), borrowers, the bond market, and employees. To achieve this objective, a research methodology has been adopted, complemented by the application of statistical tools and graphical representation. In summary, the implementation of the IBC is geared toward enhancing India's standing in the World Bank's business rankings, attracting increased foreign investment, and delivering benefits to a diverse range of stakeholders. Key Words: Insolvency, Bankruptcy, Non-Performing Assets (NPAs), Stakeholders.	
1. INTRODUCTION The banking sector has experienced a significant surge in Non-Performing Assets (NPAs) over recent years, presenting a formidable challenge to the Indian financial system. Prior to the implementation of the Insolvency and Bankruptcy Code (IBC), India's legal framework for addressing insolvency and bankruptcy issues was governed by a multitude of Acts. In fact, distinct laws existed to regulate the insolvency of various types of entities in India. For instance, individual insolvency fell under the purview of the Presidency Towns Insolvency Act of 1909 and the Provincial Insolvency Act of 1920. Partnerships' insolvency and bankruptcy procedures were outlined in the Indian Partnership Act of 1932. Limited Liability Partnerships' (LLPs) insolvency was subject to the Limited Liability Partnership Act of 2008. Moreover, governing the insolvency of companies involved multiple pieces of legislation. Initially, the Companies Act of 1956 was in place, later replaced by the Companies Act of 2013, which oversaw the insolvency and winding up of corporate entities. Additionally, the Recovery of Debts due to Banks or Financial Institutions Act of 1993 (the Recovery Act) and the Securitization and Reconstruction of Financial Assets and Enforcement of Security Interest (SARFAESI) Act of 2002 were enacted during the post-liberalization era to confer greater rights upon banks and other secured creditors for debt recovery purposes. The introduction of the Insolvency and Bankruptcy Code (IBC) in 2016 was driven by the aim to streamline insolvency and bankruptcy laws and tackle the growing problem of Non-Performing Assets (NPAs) that were negatively impacting the economy. The implementation of the Insolvency and Bankruptcy Code (IBC) in 2016 has proven to be a boon for numerous stakeholders, including banks, borrowers, the economy as a whole, the bond market, Asset Reconstruction Companies (ARCs), and creditors. Its positive effects have been substantial and far-reaching.	
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29.12.2023 : Patent published by Suhashini Chaurasia

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202321082284 A

(19) INDIA

(22) Date of filing of Application :04/12/2023

(43) Publication Date : 29/12/2023

(54) Title of the invention : HEALTH SHIELD: A GUARDIAN CHAIN FORTIFYING HEALTHCARE RECORDS WITH ADVANCED SECURITY AND DECENTRALIZED INTEGRITY

(51) International classification :G16H0010600000, H04L0009060000, H04L0009320000, G06F0021620000, G06F0021640000

(86) International Application No :NA
 Filing Date :NA

(87) International Publication No :NA

(61) Patent of Addition to Application Number :NA
 Filing Date :NA

(62) Divisional to Application Number :NA
 Filing Date :NA

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(57) Abstract :
 This pioneering research revolutionizes the security of blockchain-based Electronic Health Records (EHR) systems by integrating advanced cryptographic algorithms and consensus mechanisms. The core of our approach lies in the powerful combination of Argon2 and AES for encryption, establishing an unparalleled level of data security and key management. Alongside this, the implementation incorporates Practical Byzantine Fault Tolerance (PBFT), a renowned consensus algorithm, to enhance reliability and address scalability in healthcare data management. Complementing these cryptographic and consensus advancements is the integration of Multi-Factor Authentication (MFA), fortifying access control. Through a meticulous methodology, including literature review, system design, and implementation on a chosen blockchain platform, the research ensures the robustness of the proposed solution against potential threats. Ethical considerations guide the project, addressing privacy concerns and adhering to regulatory framework. This research not only advances secure and efficient EHR systems but also provides a blueprint for integrating cutting-edge security measures into broader blockchain applications. Emphasizing the strengths of Argon2, AES, and PBFT, our work establishes a new standard for cryptographic and consensus integration, with profound implications for the security and reliability of healthcare data management systems. "Health Shield" represents a paradigm shift in electronic health record management, promising advanced security, decentralized integrity, and robust fault tolerance. As healthcare systems navigate the complexities of data privacy and security compliance, this research offers a pioneering approach to fortify the foundation of digital healthcare infrastructure. The framework not only meets the stringent demands of data protection regulations but also prioritizes usability and scalability, fostering a secure and efficient healthcare ecosystem. "Health Shield" stands as a beacon of innovation, embodying a commitment to the privacy, security, and integrity of electronic health records in an interconnected and data-driven healthcare landscape.

No. of Pages : 12 No. of Claims : 7

22.12.2023 : Patent published by Suhashini Chaurasia

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202321081111 A

(19) INDIA

(22) Date of filing of Application :29/11/2023

(43) Publication Date : 22/12/2023

(54) Title of the invention : REAL TIME DETECTION OF DDOS ATTACK ON RASPBERRY PI USING HYBRID ALGORITHM

(51) International classification :G06N0020000000, A61K0036730000, H04L0043087600, G06K0009620000, G06F0016901000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No :NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

The security of devices with limited resources, such as Raspberry Pi, is becoming increasingly important as the Internet of Things (IoT) ecosystem expands. This study proposes and evaluates a detection system based on the hybrid method (Decision tree + linear regression) to handle the unique difficulty of detecting DDoS attack on Raspberry Pi. Decision trees are widely used on low power devices with constrained processing resources because of their efficiency, interoperability, and simplicity. Two basic phases make up the operation of the suggested detecting system. During the training stage, the decision tree model is trained on Raspberry Pi using features that are taken from regular network traffic. These factors include traffic patterns, system resource utilization, and network packet properties. By learning to differentiate between typical and abnormal behavior. During the detection phase, incoming traffic is classified as either normal or indicative of DDoS attack using the hybrid method, which is applied while continually monitoring real-time network traffic. The hybrid algorithms lightweight design guarantees effective execution on the Raspberry Pi's limited hardware, making it appropriate for real-time deployment. The study emphasizes how crucial it is to use lightweight machine learning approaches to safeguard IoT deployments in order to promote a more reliable and secure IoT ecosystem.

No. of Pages : 10 No. of Claims : 6

The Patent Office Journal No. 51/2023 Dated 22/12/2023

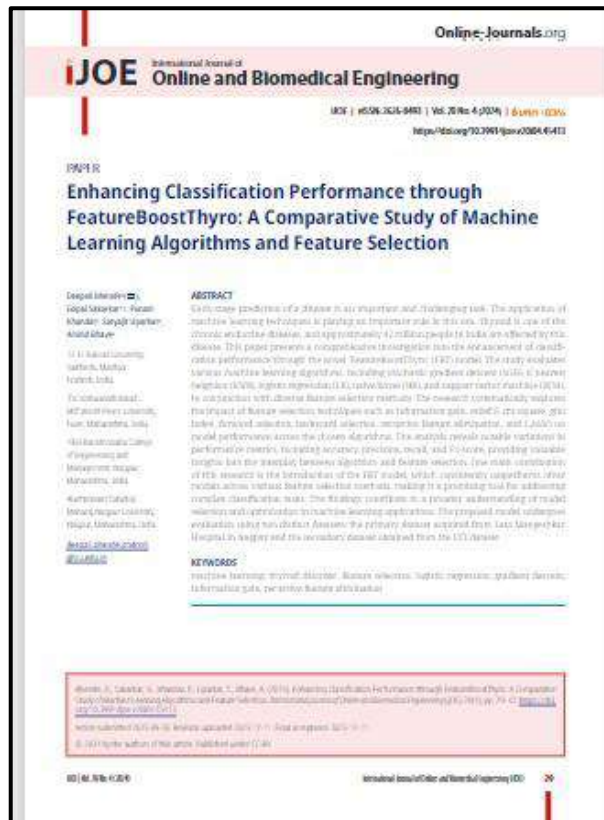
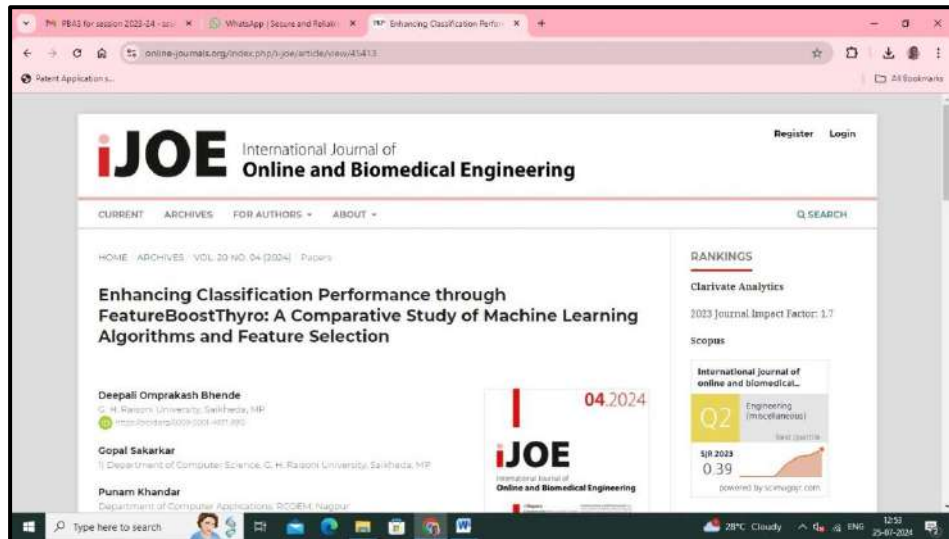
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Name of the Author : Deepali Bhende

Paper title: International journal of online and biomedical engineering, “Enhancing Classification Performance through FeatureBoostThyro: A Comparative Study of Machine Learning Algorithms and Feature Selection”,

ISSN 26268493, DOI 10.3991/ijoe.v20i04.45413, Volume 20, Issue 4, Pages 29 – 422024



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Extracts from the Register of Copyrights

प्रतिलिप्यधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

दिनांक/Date: 29/01/2024

1. पंजीकरण संख्या/Registration Number	L-142205/2024
2. आवेदक का नाम, पता तथा राष्ट्रियता Name, address and nationality of the applicant	DR. VRUSHALI PRAMOD PARKHI, 20, NAYNATH SOCIETY NEW MANISH NAGAR NAGPUR 440005-440005 INDIAN
3. कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work	AUTHOR
4. कृति का वर्ग और वर्णन Class and description of the work	LITERARY/ DRAMATIC WORK
5. कृति का शीर्षक Title of the work	BECOMING A PROFESSIONAL IN THE 21ST CENTURY
6. कृति की भाषा Language of the work	ENGLISH
7. रचयिता का नाम, पता और राष्ट्रियता तथा यदि रचयिता की मृत्यु हो गई है, तो मृत्यु की तिथि Name, address and nationality of the author and if the author is deceased, date of his decease	DR. VRUSHALI PRAMOD PARKHI, 20, NAYNATH SOCIETY NEW MANISH NAGAR NAGPUR 440005-440005 INDIAN
8. कृति प्रकाशित है या अप्रकाशित Whether the work is published or unpublished	UNPUBLISHED
9. प्रथम प्रकाशन का वर्ष और देश तथा प्रकाशक का नाम, पता और राष्ट्रियता Year and country of first publication and name, address and nationality of the publisher	N.A.
10. बाद के प्रकाशनों के वर्ष और देश, यदि कोई हों, और प्रकाशकों के नाम, पते और राष्ट्रियताएं Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers	N.A.
11. कृति में प्रतिलिप्यधिकार सहित विभिन्न अधिकारों के स्वामियों के नाम, पते और राष्ट्रियताएं और समन्वयन और अनुव्यवस्थाओं के विवरण के साथ प्रत्येक के अधिकार का विवरण, यदि कोई हो। Names, addresses and nationalities of the owners of various rights comprising the copyright in the work and the extent of rights held by each, together with particulars of assignments and licences, if any	DR. VRUSHALI PRAMOD PARKHI, 20, NAYNATH SOCIETY NEW MANISH NAGAR NAGPUR 440005-440005 INDIAN
12. अन्य व्यक्तियों के नाम, पते और राष्ट्रियताएं, यदि कोई हों, जो प्रतिलिप्यधिकार वाले अधिकारों को समन्वयित करने या अनुज्ञापित देने के लिए अधिकृत हों। Names, addresses and nationalities of other persons, if any, authorized to assign or licence of rights comprising the copyright	N.A.
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15. यदि कृति एक 'कलात्मक कृति' है, तो क्या यह डिजाइन अधिनियम 2000 के अंतर्गत पंजीकृत है? यदि हाँ, तो विवरण दें। If the work is an 'Artistic work', whether it is registered under the Designs Act 2000, if yes give details.	N.A.
16. यदि कृति एक 'कलात्मक कृति' है, जो डिजाइन अधिनियम 2000 के तहत एक डिजाइन के रूप में पंजीकृत होने में सक्षम है, तो क्या यह औद्योगिक प्रक्रिया के माध्यम से किसी वस्तु पर प्रयुक्त की गई है और यदि हाँ, तो इसे किसने और पुनरुत्पादित किया गया है? If the work is an 'Artistic work', capable of being registered as a design under the Designs Act 2000 whether it has been applied to an article through an industrial process and, if yes, the number of times it is reproduced	N.A.
17. टिप्पणियाँ, यदि कोई हों। Remarks, if any	

आवेदक की तिथि/Date of Application: 03/11/2023
 प्राप्ति की तिथि/Date of Receipt: 08/11/2023


Registrar of Copyrights

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Paper title: “A study on Brand Preference and Consumer behaviour with reference to packages fast food products in Nagpur metropolitan region”

ISSN 2348-8425, UGC Care enlisted, Peer reviewed Journal, Year 11 Issue 28, Vol 40, July Sept 2023

A Study on Brand Preference and Consumer behaviour with reference to packaged fast food products in Nagpur metropolitan region.

Chaitanya Vishnu Pipalwa,

Research Scholar,

Dept of Business Management, RTMNU

Dr. Abdul Shakeel Abdul Sattar

Research Supervisor,

Dept of Business Management, RTMNU

ABSTRACT :

As India's youthful population has risen to prominence, so has the country's fast food business. Urbanisation, rises in nuclear families, increases in the share of women in the workforce, and changes in lifestyle and eating habits all contributed to a shift in children's consuming behaviours. The study's major goal is to categorise the fast-food business based on the buying habits. The primary focus of the present research was on the most popular fast food restaurants in Nagpur, Maharashtra. The researcher used an empirical study strategy and selected a sample size of 155 participants. Questionnaires were used to gather the samples. Data analysis by clustering is a common technique. The findings suggest that people's attitudes about fast food restaurants are shifting, and that their eating habits are shifting as a consequence. The fast food industry might use some guidance, and this effort may help them better reach their target demographic and develop satisfying marketing campaigns.

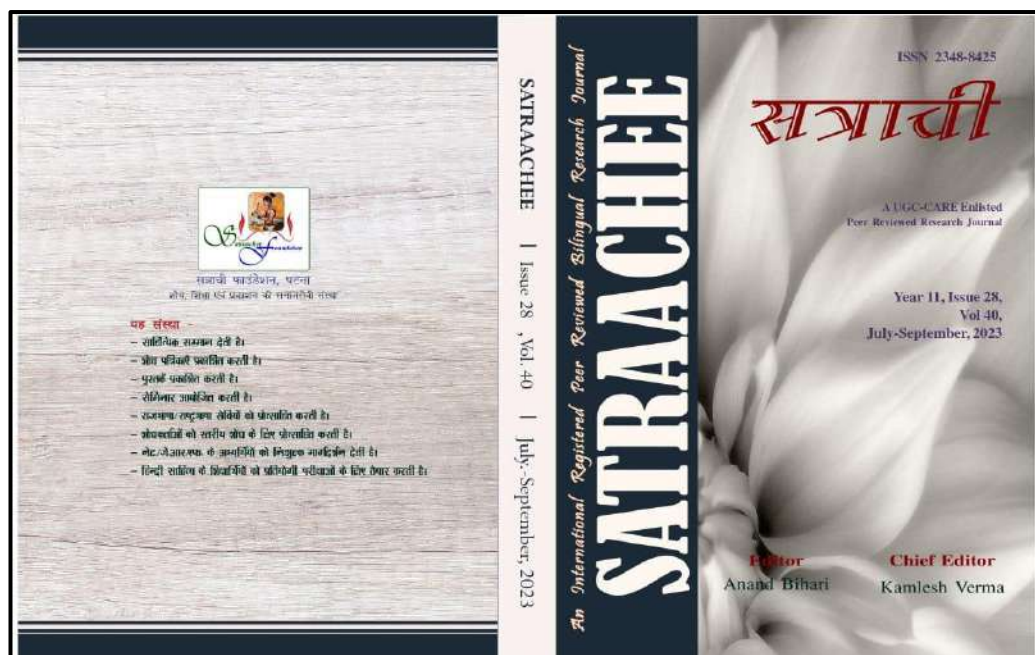
KEYWORDS : Fast food, consumer behavior, buying habits, strategy

Introduction

Consumers' preferences and routines are profoundly affected by the availability of fast food. Here are a few of the most important ways in which fast food influences customers: The popularity of fast food is largely attributable to its accessibility. When consumers are in a rush or just want something simple, they often turn to fast food. Because of this, fast food may be favoured over other types of restaurants. The fast food sector is notorious for encouraging impulsive purchases with its frequent promotion of limited-time discounts, value meals, and upselling strategies. As a result, shoppers may impulse purchase more food or choose higher-calorie items than they had intended.

Fast food has the potential to establish unhealthy eating habits if consumed on a regular basis. People who consume fast food on a regular basis may come to appreciate its flavour and convenience and come to rely on it as a staple in their diet. Negatively affecting your

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पेटेंट कार्यालय, भारत सरकार | **The Patent Office, Government Of India**
पेटेंट प्रमाण पत्र | **Patent Certificate**
 (पेटेंट नियमावली का नियम 74) | (Rule 74 of The Patents Rules)

पेटेंट सं. / Patent No. 518602
आवेदन सं. / Application No. 202321046941
फाइल करने की तारीख / Date of Filing 12/07/2023
पेटेंटी / Patentee 1. Dr. Diwakar Ramanuj Tripathi 2. Amol A. Umak

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकरित **BIZCAART - A MULTIPURPOSE E-TRICYCLE** नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख जुलाई 2023 के बारहवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।
 It is hereby certified that a patent has been granted to the patentee for an invention entitled **BIZCAART - A MULTIPURPOSE E-TRICYCLE** as disclosed in the above mentioned application for the term of 20 years from the 12th day of July 2023 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 01/03/2024
Date of Grant : 01/03/2024

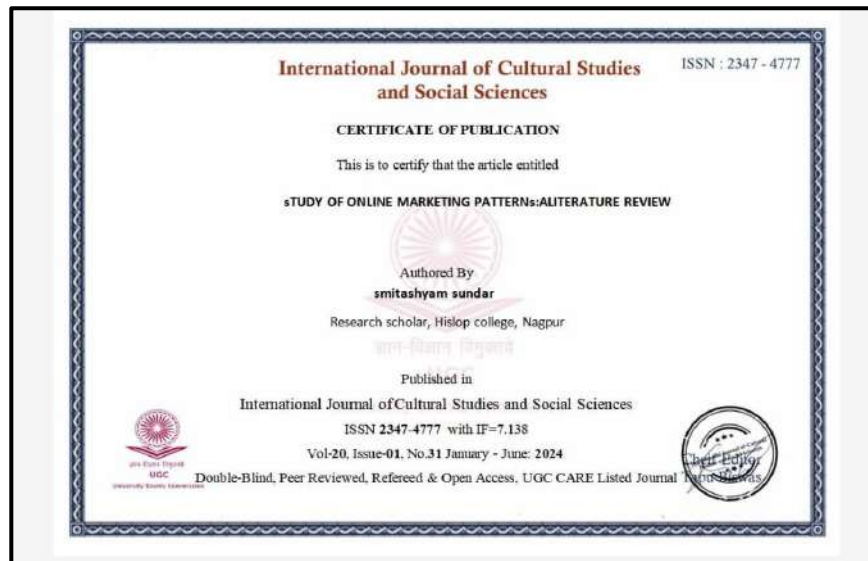

पेटेंट नियन्त्रक
Controller of Patents

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, जुलाई 2025 के बारहवें दिन को और उसके पचास प्रत्येक वर्ष में उसी दिन देव होगी।
Note. - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 12th day of July 2025 and on the same day in every year thereafter.

Name of the Author: Smita Shyam Sundar

Paper Title: Study of online marketing patterns: A Literature Review

Vol 20, Issue 1 , No 31,Ja-Jun 2024, ISSN: 2347-4777, UGC Care Listed Journal



International Journal of Cultural Studies and Social Sciences
Vol-20, Issue-1, No.31, January - June: 2024 :: ISSN: 2347-4777
Double-Blind, Peer Reviewed, Refereed & Open Access, UGC CARE Listed Journal

STUDY OF ONLINE MARKETING PATTERNS: A LITERATURE REVIEW

Smita Shyam Sundar,
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Abstract:

In the digital era, using web-based platforms to advertise a business's name, goods, or services to potential clients is known as online marketing. Businesses looking to succeed in cutthroat industries must comprehend internet marketing trends. This study examines the intricate dynamics of internet marketing, drawing on current research to shed light on recurring themes and strategies. It includes a wide variety of scholarly articles and publications, giving readers a thorough understanding of how the field of internet marketing is evolving. The study looks at how big data and artificial intelligence affect internet marketing tactics. It emphasises the need to have an all-encompassing online marketing strategy that adapts to changing customer preferences and makes technical improvements across a variety of media. Additionally, the study requests greater investigation into overcoming knowledge gaps.

Keywords: *Online marketing, Consumer behavior, Digital commerce.*

INTRODUCTION

Changes in customer behaviour and technical breakthroughs are driving constant change in the internet marketing environment. This survey of the literature explores the trends in internet marketing tactics, highlighting important developments and insights. A notable trend that has been seen is the move towards customised marketing strategies. Marketers are using advanced analytics and AI algorithms more and more to personalise their messaging based on the vast amount of data that is accessible through internet platforms. This adjusted strategy boosts transformation rates, advances brand dependability, and progresses client engagement. The presentation of social media stages has had a colossal effect on web showcasing methodologies. Businesses are progressively utilising social media platforms such as Facebook, Instagram, and Twitter to communicate with their target audiences. Building communities around businesses, making important associations, and making locks in substance for advanced stages are all fundamental components of compelling online showcasing endeavors. Besides, inquire about shows that, since influencer showcasing advances brand introduction and nature, it is awesome for getting to specialty markets and impacting client choices.

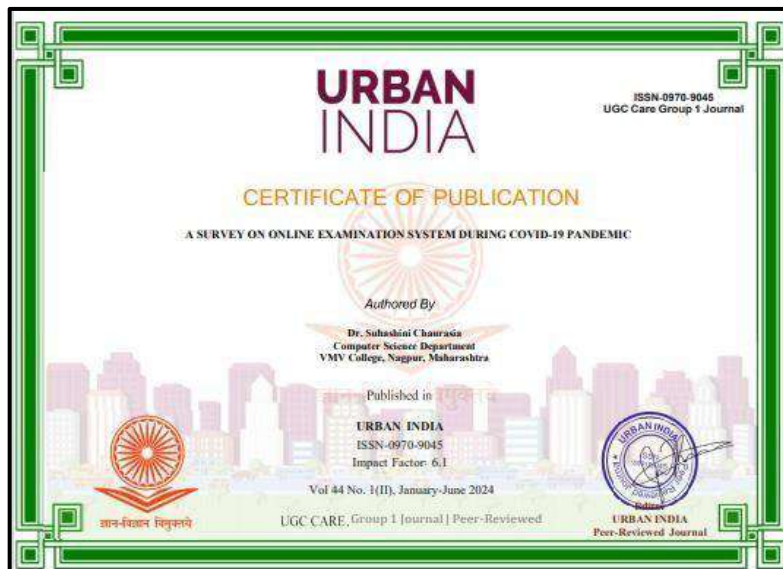
The centrality of Omni-channel marketing within the current digital landscape is underscored in the inquiry. Buyers need a reliable online, versatile, social media, and in-store encounter over numerous touch points. Marketers must in this way arrange their endeavours over a few channels to grant clients comparable encounters and inform them all through the buying process. This Omni channel approach raises client fulfilment and dependability, while also upgrading brand perception.

The study emphasises how significant it is for online marketers to make choices based on information. The development of advanced innovation has given marketers access to a large amount of information on the interface, leisure activities, and

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A SURVEY ON ONLINE EXAMINATION SYSTEM DURING COVID-19 PANDEMIC

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Abstract: In recent years there has been a remarkable growth in online examination system. With increase in implementation of online examination system there are many advantages as well as difficulties in implementing it. During Covid-19 there is a drastic increase in online examination system. The system is not only used for competitive examination but during covid-19, it has been used for universities, colleges, schools, tuition classes. This research paper focuses on various situation where online examination system has been implemented during Covid-19 pandemic. A survey has been carried out to assess the student's perception on various parameters.

Keyword: Online exam system, Covid-19, students perception, e-assessment

1. INTRODUCTION

In any academic institute the examination system plays a critical role in evaluating a students' academic performance. UGC has also stressed the importance of academic evaluation which states that "Academic evaluation of students is a very important milestone in any education system. The performance in examinations gives confidence and satisfaction to the students and reflects competence, performance, and credibility that is necessary for global acceptability." This highlights the importance of academic evaluation of a student. The major question is how to assess students during COVID-19 pandemic. However, with the advancement in technology higher education institutions have opted for an online mode of education which offers several advantages over the traditional examination system [1].

Many universities have adopted remote exam proctoring through video-conferencing software. However, in cases where thousands of students take an online test simultaneously, manual proctoring using video-conferencing software can be a tedious task implement a framework to conduct online exam proctoring using low resources to preserve academic integrity [2].

This study explores Study Skills teachers' perceptions and challenges of assessing students' learning in an online environment during Covid-19 pandemic. It aims at fostering understanding of the main assessment concepts in an online environment and presenting the challenges that this strategy displays. This paper describes the experience of Study Skills teachers to adapt to this new online assessment [3].

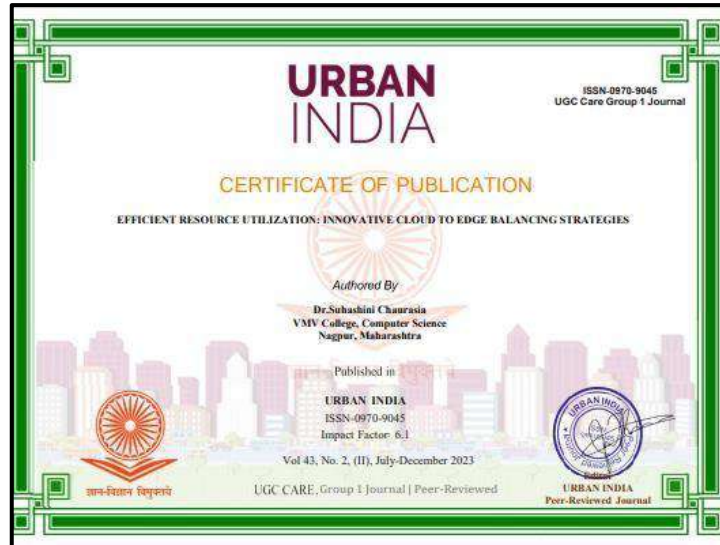
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Extracts from the Register of Copyrights

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